

Prex1-KO

Nomenclature	C57BL/6Smoc- <i>Prex1</i> ^{em1Smoc}
Cat. NO.	NM-KO-201823
Strain State	Embryo cryopreservation

Gene Summary

Gene Symbol Prex1	Synonyms	Setd6, P-REX1, G630042G04
	NCBI ID	277360
	MGI ID	3040696
	Ensembl ID	ENSMUSG00000039621
	Human Ortholog	PREX1

Model Description

Exon 6-7 of Prex1 gene was deleted to generate Prex1 knockout mice.

*Literature published using this strain should indicate: Prex1-KO mice (Cat. NO. NM-KO-201823) were purchased from Shanghai Model Organisms Center, Inc..

Disease Connection

Autism Spectrum Disorder	Phenotype(s)	MGI:3717173
	Reference(s)	Li J, Chai A, Wang L, Ma Y, Wu Z, Yu H, Mei L, Lu L, Zhang C, Yue W, Xu L, Rao Y, Zhang D, Synaptic P-Rex1 signaling regulates hippocampal long-term depression and autism-like social behavior. Proc Natl Acad Sci U S A. 2015 Dec 15;112(50):E6964-72

Validation Data

No data